

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|--------------------|------------------|---------|------------------|
| L1 | 882 | 713/168.ccls. | USPAT | OR | ON | 2007/01/23 15:48 |
| L2 | 148 | ("4755940" "5237506" "5757916" "6192237" "4912762" "5241594" "5363449" "5448044" "5613012" "6058393" "6178510" "6243737" "4486828" "4578530" "4783798" "4788418" "4797920" "4817140" "4962531" "4983053" "4997288" "5008936" "5012076" "5016277" "5022076" "5196682" "5196840" "5280527" "5324922" "5404523" "5615277" "5634127" "5664229" "5671283" "5671374" "5682027" "5745576" "5745794" "5762376" "5777305" "5781438" "5801364" "5805719" "5835689" "5923734" "5936219" "5983366" "5987441" "5991748" "6010067" "6012633" "6038292" "6068184" "6085181" "6091817" "6098058" "6095412" "6098837" "6119104" "6129272" "6145739" "6151591" "6175826" "6185682" "6219693" "6219693" "6230283" "6253193" "6253369" "6311165" "6324683" "6330549" "6363488" "6389402" "6427140" "6430301" "6466780" "6501832" "6612488" "6631840" "6636966" "6707889" "6813613" "6856975" "6888929" "6913194" "7040533" "7043635" "7104444" "20020029342" "20020059146" "20020082926" "20020087415" "20020091937" "20020099634" "20020130176" "20020174185" "20020188890" "20030105725" "20030151495" "20030200179" "20030233318" "20040004117" "20040010472" "20040010567" "20040215574" "20050044451" "20050119968" "20050119972" "20050242173" "20060015366" "20060273158" "5488631" "6119108" "6055638" "6169890" "4268715" "4882473" "5299026" "5444779" "5450545" "5472116" "5659798" "5757917" "5992752" "5999596" "6061682" "6061682" "6102287" "6246769" "4271351" "4356550" "4365295" "4423287" "4453074" "4582985" "4839640" "4879747" "4928001" "4995081" "5227614" "5263164" "5287270" "5406063" "5416473" "5428782" "5468947" "5497411" "5550358" "5581749").pn. | US-PGPUB; USPAT | OR | ON | 2007/01/23 16:04 |
| L3 | 60 | ("20020013904" "20040236819" "4697072" "4697072" "472086 0" "4885778" "4998279" "5023908" "5056141" "5058161" "5097 505" "5163097" "5168520" "5177789" "5195133" "5237614" "52 39583" "5297202" "5343529" "5355413" "5361062" "5367572" " 5408417" "5479512" "5481509" "5485519" "5530438" "5537313 " "5606614" "5627355" "5646998" "5655020" "5657388" "56612 84" "5661807" "5668876" "5778173" "5936221" "5936541" "597 1272" "5988497" "6000832" "6002918" "6003014" "6018717" "6 163771" "6175922" "6216183" "6282656" "6285916" "6289324" "6332192" "6343360" "6484260" "6539363" "6594759" "66873 50" "6732278" "6748367" "6760796" "6816974").PN. | US-PGPUB; USPAT | OR | ON | 2007/01/23 16:04 |
| L4 | 23 | (US-20040236819-\$).did. or (US-6163771-\$ or US-6343360-\$ or US-6216183-\$ or US-5481509-\$ or US-5408417-\$ or US-6002918-\$ or US-5611051-\$ or US-5537313-\$ or US-6285916-\$ or US-6539363-\$ or US-6484260-\$ or US-6760796-\$ or US-6687350-\$ or US-6289324-\$ or US-5936221-\$ or US-5324922-\$ or US-6185682-\$ or US-5757917-\$ or US-7043635-\$ or US-5016277-\$ or US-6095412-\$ or US-6091817-\$).did. | US-PGPUB; USPAT | OR | ON | 2007/01/23 16:04 |
| L5 | 9 | (US-20040236819-\$).did. or (US-6163771-\$ or US-6002918-\$ or US-5611051-\$ or US-6484260-\$ or US-6760796-\$ or US-6687350-\$ or US-6289324-\$ or US-5936221-\$).did. | US-PGPUB; USPAT | OR | ON | 2007/01/23 16:04 |
| L6 | 23 | l4 l5 | US-PGPUB; USPAT | OR | ON | 2007/01/23 16:04 |
| L7 | 8 | l6 not l3 | US-PGPUB; USPAT | OR | ON | 2007/01/23 16:05 |
| S1 | 233 | short adj messaging adj service | USPAT | OR | ON | 2007/01/23 15:42 |
| S2 | 59 | electronic same funds same transfer same point-of-sale | USPAT | OR | ON | 2005/01/14 12:25 |
| S3 | 59 | electronic same funds same transfer same (point-of-sale or point\$1of\$1sale) | USPAT | OR | ON | 2005/01/07 16:58 |
| S6 | 9 | "5023908".pn. or "5343529".pn. or "5668876".pn. or "5724423".pn. or "5754652".pn. or "5971272".pn. or "6078908".pn. or "6182894".pn. or "6189098".pn. | US-PGPUB; USPAT | OR | ON | 2005/01/07 14:42 |

EAST Search History

| | | | | | | |
|-----|---------|--|---|----|----|------------------|
| S7 | 1532 | secure adj transaction | US-PGPUB; USPAT | OR | ON | 2005/01/07 14:43 |
| S8 | 175 | secure adj transaction and "713"/\$.ccls. | USPAT | OR | ON | 2005/01/07 14:47 |
| S9 | 351 | ((point adj2 sale) or (point adj2 service)) and "713"/\$.ccls. | USPAT | OR | ON | 2005/01/07 14:47 |
| S10 | 301 | secur\$4 and ((point adj2 sale) or (point adj2 service)) and "713"/\$.ccls. | USPAT | OR | ON | 2005/01/07 16:17 |
| S11 | 4 | ("6189098").URPN. | USPAT | OR | ON | 2005/01/07 14:50 |
| S12 | 45 | ("5023908").URPN. | USPAT | OR | ON | 2005/01/07 14:51 |
| S13 | 8 | ("5754652").URPN. | USPAT | OR | ON | 2005/01/07 14:57 |
| S14 | 30 | ("5668876").URPN. | USPAT | OR | ON | 2005/01/07 15:01 |
| S15 | 1007 | (identity same verif\$8) and "713"/\$.ccls. | USPAT | OR | ON | 2005/01/07 16:17 |
| S16 | 49 | ((identity same verif\$8) and (secure adj transact\$3)) and "713"/\$.ccls. | USPAT | OR | ON | 2005/01/07 16:25 |
| S17 | 13728 | wang.in. | USPAT | OR | ON | 2005/01/07 16:25 |
| S18 | 83 | wang.in. and "713"/\$.ccls. | USPAT | OR | ON | 2005/01/07 16:25 |
| S19 | 592526 | PIN or personal adj identification adj number | USPAT | OR | ON | 2005/01/07 16:58 |
| S20 | 592526 | PIN or (personal adj identification adj number) | USPAT | OR | ON | 2005/01/14 12:25 |
| S21 | 2955 | "713"/\$.ccls. and (PIN or (personal adj identification adj number)) | USPAT | OR | ON | 2005/01/07 16:59 |
| S22 | 96 | "713"/\$.ccls. and (PIN or (personal adj identification adj number)) and (secure adj transaction) | USPAT | OR | ON | 2005/01/07 17:03 |
| S23 | 12 | "713"/\$.ccls. and (PIN or (personal adj identification adj number)) and (secure adj transaction) and one-time | USPAT | OR | ON | 2005/01/07 17:03 |
| S24 | 50 | ("5168520").URPN. | USPAT | OR | ON | 2005/01/07 17:13 |
| S25 | 0 | 705/64+.ccls. | US-PGPUB; USPAT | OR | ON | 2005/01/14 10:15 |
| S26 | 467 | 705/64.ccls. | US-PGPUB; USPAT | OR | ON | 2005/01/14 10:17 |
| S27 | 1807 | 705/64-79.ccls. | US-PGPUB; USPAT | OR | ON | 2005/01/14 10:17 |
| S28 | 941 | 705/64-79.ccls. | USPAT | OR | ON | 2005/01/14 10:19 |
| S29 | 155 | 705/64-79.ccls. and wireless | USPAT | OR | ON | 2005/01/14 10:19 |
| S30 | 1797942 | PIN or (personal adj identification adj number) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/14 12:25 |
| S31 | 2341 | electronic adj funds adj transfer | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/14 12:26 |
| S32 | 14110 | point adj sale | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/14 12:27 |
| S33 | 350 | S30 and S31 and S32 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/14 12:26 |

EAST Search History

| | | | | | | |
|-----|--------|---|---|----|----|------------------|
| S34 | 17451 | EFT or (electronic adj funds adj transfer) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/14 12:27 |
| S35 | 779881 | POS or (point adj sale) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/14 12:27 |
| S36 | 7009 | S30 and S34 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/14 12:27 |
| S37 | 4554 | S36 and S35 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/14 12:28 |
| S38 | 348 | S37 and ("713"/\$.ccls. or "705"/\$.ccls. or "380"/\$.ccls. or "340"/\$.ccls.) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/14 12:29 |
| S39 | 637 | S37 and ("713"/\$.ccls. or "705"/\$.ccls. or "380"/\$.ccls. or "340"/\$.ccls. or "235"/\$.ccls.) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/14 12:30 |
| S40 | 190 | S37 and ("713"/\$.ccls. or "705"/\$.ccls. or "380"/\$.ccls. or "340"/\$.ccls. or "235"/\$.ccls.) and host and secur\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/14 12:31 |
| S42 | 111 | S37 and host and secur\$4 and wireless | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/14 13:04 |
| S43 | 18 | ("5343529" "5724423" "5971272" "5668876" "5754652" "6189098" "6078908" "5023908" "6182894").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/14 13:10 |
| S44 | 6 | ("5168520" "5940511" "5988497").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/14 13:18 |
| S45 | 6 | ("5988497").URPN. | USPAT | OR | ON | 2005/01/14 13:10 |
| S46 | 17 | ("4720860" "4812628" "5109408" "5130519" "5168520" "5177342" "5239583" "5251259" "5311594" "5317636" "5345380" "5513250" "5530235" "5583864" "5615408" "5617470" "5627355").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/01/14 13:11 |
| S47 | 3 | ("5168520" "5940511" "5988497").PN. | USPAT | OR | ON | 2005/01/14 13:19 |

EAST Search History

| | | | | | | |
|-----|------|---|---|----|----|------------------|
| S48 | 7 | ("5060263" "5093861" "5130519" "5168520" "5196840" "5239583" "5655020").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/01/14 13:19 |
| S49 | 8 | ("5940511").URPN. | USPAT | OR | ON | 2005/01/14 13:21 |
| S50 | 6 | ("5988497").URPN. | USPAT | OR | ON | 2005/01/14 13:23 |
| S51 | 50 | ("5168520").URPN. | USPAT | OR | ON | 2005/01/14 13:24 |
| S52 | 36 | ("3764742" "3806874" "3886451" "3900867" "3995111" "4104694" "4126761" "4145568" "4185166" "4193073" "4277837" "4295039" "4302810" "4320387" "4326098" "4471216" "4494211" "4509093" "4536647" "4543657" "4578530" "4582434" "4589066" "4599489" "4609777" "4636583" "4641322" "4677617" "4720860" "4731841" "4802216" "4819267" "4849613" "4856062" "4890323" "5023908").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/01/14 13:29 |
| S57 | 58 | ("5343529").URPN. | USPAT | OR | ON | 2005/01/14 14:48 |
| S58 | 7 | ("4376279" "4672572" "4691355" "4694492" "4720860" "4723284" "4885778").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/01/14 15:25 |
| S59 | 293 | 705/67.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/01/14 15:25 |
| S60 | 171 | 705/67.ccls. | USPAT | OR | ON | 2005/01/14 15:40 |
| S61 | 0 | 705/182.ccls. or 705/186.ccls. | USPAT | OR | ON | 2005/01/14 15:40 |
| S62 | 387 | 713/182.ccls. or 713/186.ccls. | USPAT | OR | ON | 2005/01/14 15:44 |
| S63 | 32 | (713/182.ccls. or 713/186.ccls.) and point adj sale | USPAT | OR | ON | 2005/01/14 15:48 |
| S64 | 78 | ("713"/\$.ccls.) and point adj sale and personal adj identification adj number | USPAT | OR | ON | 2005/01/14 16:13 |
| S65 | 7335 | function adj4 PIN | USPAT | OR | ON | 2005/01/14 16:13 |
| S66 | 160 | function adj4 PIN and "713"/\$.ccls. | USPAT | OR | ON | 2005/01/14 16:39 |
| S67 | 35 | eftpos | USPAT | OR | ON | 2005/01/14 16:39 |
| S68 | 169 | eftpos | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/14 16:42 |
| S69 | 4330 | eft and pos and pin | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/14 16:42 |
| S70 | 106 | eft and pos and pin and authentication | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/14 16:54 |
| S71 | 838 | 713/182-184.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/14 16:55 |
| S72 | 456 | 713/182-184.ccls. and authentication | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/14 16:55 |

EAST Search History

| | | | | | | |
|------|------|---|---|----|----|------------------|
| S73 | 223 | 713/182-184.ccls. and authentication and verification | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/14 16:57 |
| S76 | 28 | (US-5490217-\$ or US-5646998-\$ or US-5661807-\$ or US-5754652-\$ or US-5917913-\$ or US-5971272-\$ or US-6012144-\$ or US-6014636-\$ or US-6175922-\$ or US-6282656-\$ or US-6332192-\$ or US-6493457-\$ or US-6594759-\$ or US-6175921-\$ or US-6088797-\$ or US-5617470-\$ or US-5130519-\$ or US-5627355-\$ or US-5060263-\$ or US-5239583-\$ or US-5969324-\$ or US-5481611-\$ or US-5657388-\$ or US-5668876-\$ or US-4104694-\$ or US-5023908-\$).did. or (US-5097505-\$ or US-5058161-\$).did. | USPAT | OR | ON | 2005/01/14 17:11 |
| S77 | 171 | 713/168.ccls. and (PIN or personal adj identification adj number) | US-PGPUB; USPAT | OR | ON | 2005/01/18 07:00 |
| S78 | 19 | S77 and (POS or point adj1 sale) | US-PGPUB; USPAT | OR | ON | 2005/01/14 17:39 |
| S79 | 80 | 713/184.ccls. and (PIN or personal adj identification adj number) | US-PGPUB; USPAT | OR | ON | 2005/01/18 07:58 |
| S80 | 2 | ("5343529" "6078908").PN. | US-PGPUB; USPAT | OR | ON | 2005/01/18 07:58 |
| S81 | 7 | ("5926764" "5974144" "6704789" "6119230" "5878415" "5131038" "6363151").PN. | US-PGPUB; USPAT | OR | ON | 2005/01/18 07:59 |
| S90 | 29 | (US-20020013904-\$).did. or (US-5058161-\$ or US-5097505-\$ or US-5239583-\$ or US-5627355-\$ or US-5646998-\$ or US-5661807-\$ or US-6175922-\$ or US-6282656-\$ or US-6332192-\$ or US-6594759-\$ or US-5661284-\$ or US-4697072-\$ or US-6018717-\$ or US-6003014-\$ or US-5023908-\$ or US-5168520-\$ or US-5367572-\$ or US-5251259-\$ or US-5606614-\$ or US-5177789-\$ or US-5343529-\$ or US-4720860-\$ or US-5163097-\$ or US-5355413-\$ or US-6000832-\$ or US-5056141-\$).did. or (US-5971272-\$ or US-5668876-\$).did. | US-PGPUB; USPAT | OR | ON | 2005/01/18 10:21 |
| S91 | 6 | S90 and (pos or point adj1 sale) | US-PGPUB; USPAT | OR | ON | 2005/01/18 10:22 |
| S92 | 6 | S90 and (pos or point adj1 sale) and (pin or personal adj identification adj number) | US-PGPUB; USPAT | OR | ON | 2005/01/18 12:14 |
| S94 | 40 | weiss.in. and ("380"/\$.ccls. or "713"/\$.ccls.) | US-PGPUB; USPAT | OR | ON | 2005/01/18 10:54 |
| S95 | 36 | (US-20020013904-\$).did. or (US-5058161-\$ or US-5097505-\$ or US-5239583-\$ or US-5627355-\$ or US-5646998-\$ or US-5661807-\$ or US-6175922-\$ or US-6282656-\$ or US-6332192-\$ or US-6594759-\$ or US-5661284-\$ or US-4697072-\$ or US-6018717-\$ or US-6003014-\$ or US-5023908-\$ or US-5168520-\$ or US-5367572-\$ or US-5251259-\$ or US-5606614-\$ or US-5177789-\$ or US-5343529-\$ or US-4720860-\$ or US-5163097-\$ or US-5355413-\$ or US-6000832-\$ or US-5056141-\$).did. or (US-5971272-\$ or US-5668876-\$ or US-5485519-\$ or US-5237614-\$ or US-5479512-\$ or US-4998279-\$ or US-4885778-\$ or US-5657388-\$ or US-5361062-\$).did. | US-PGPUB; USPAT | OR | ON | 2005/01/18 11:01 |
| S96 | 13 | S95 and weiss.in. | US-PGPUB; USPAT | OR | ON | 2005/01/19 10:43 |
| S97 | 13 | S95 and weiss.in. and generat\$4 | US-PGPUB; USPAT | OR | ON | 2005/01/18 11:52 |
| S100 | 4 | S95 and wireless | US-PGPUB; USPAT | OR | ON | 2005/01/18 12:36 |
| S101 | 1803 | (pos or point adj1 sale) and (pin or personal adj identification adj number) and wireless | US-PGPUB; USPAT | OR | ON | 2005/01/18 12:14 |
| S102 | 203 | (pos or point adj1 sale) and (pin or personal adj identification adj number) and wireless and (eft or electronic adj funds adj transfer) | US-PGPUB; USPAT | OR | ON | 2005/01/18 12:32 |

EAST Search History

| | | | | | | |
|----------|------|--|---|----|----|------------------|
| S10 3 | 3744 | (pos or point adj1 sale) and (pin or personal adj identification adj number) and device same receive\$3 | US-PGPUB; USPAT | OR | ON | 2005/01/18 12:26 |
| S10 4 | 1255 | (pos or point adj1 sale) and (pin or personal adj identification adj number) and device same receive\$3 same generat\$4 | US-PGPUB; USPAT | OR | ON | 2005/01/18 12:26 |
| S10 5 | 101 | (pos or point adj1 sale) and (pin or personal adj identification adj number) and device same receive\$3 same generat\$4 and ("380"/\$.ccls. or "713"/\$.ccls.) | US-PGPUB; USPAT | OR | ON | 2005/01/18 12:26 |
| S10 6 | 57 | (pos or point adj1 sale) and (pin or personal adj identification adj number) and device same receive\$3 same generat\$4 and ("380"/\$.ccls. or "713"/\$.ccls.) | USPAT | OR | ON | 2005/01/18 12:26 |
| S10 9 | 377 | (pos or point adj1126 and S95 sale) and (pin or personal adj identification adj number) and wireless and (eft or electronic adj funds adj transfer) | US-PGPUB; USPAT | OR | ON | 2005/01/18 12:33 |
| S11 0 | 0 | S102 and S95 | US-PGPUB; USPAT | OR | ON | 2005/01/18 12:33 |
| S11 3 | 4 | S95 and wireless and PIN | US-PGPUB; USPAT | OR | ON | 2005/01/18 12:38 |
| S11 6 | 2194 | pin same wireless | US-PGPUB; USPAT | OR | ON | 2005/01/18 12:38 |
| S11 7 | 2194 | pin same wireless and (pin or personal adj identification adj number) | US-PGPUB; USPAT | OR | ON | 2005/01/18 12:39 |
| S11 8 | 267 | pin same wireless and (pin or personal adj identification adj number) and (pos or point adj1 sale) | US-PGPUB; USPAT | OR | ON | 2005/01/18 12:39 |
| S11 9 | 67 | pin same wireless and (pin or personal adj identification adj number) and (pos or point adj1 sale) | USPAT | OR | ON | 2005/01/18 12:39 |
| S12 0 | 8685 | wireless and receiv\$3 and (pin or personal adj identification adj number) | USPAT | OR | ON | 2005/01/18 15:11 |
| S12 1 | 382 | wireless same receiv\$3 same (pin or personal adj identification adj number) | USPAT | OR | ON | 2005/01/18 15:11 |
| S12 2 | 1109 | wireless same receiv\$3 same (pin or personal adj identification adj number) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/18 15:11 |
| S12 3 | 91 | wireless same receiv\$3 same (pin or personal adj identification adj number) and one adj1 time | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/18 15:12 |
| S12 4 | 91 | wireless same receiv\$3 same (pin or personal adj identification adj number) and (one adj1 time) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/18 15:12 |
| S12 5 | 21 | wireless same receiv\$3 same (pin or personal adj identification adj number) and (one\$1time) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/18 15:20 |
| S13 6 | 166 | send same confirmation same transaction same (user or customer) | USPAT | OR | ON | 2005/01/19 07:36 |

EAST Search History

| | | | | | | |
|----------|-------|---|--------------------|----|----|------------------|
| S14 2 | 36 | (US-20020013904-\$).did. or (US-5058161-\$ or US-5097505-\$ or US-5239583-\$ or US-5627355-\$ or US-5646998-\$ or US-5661807-\$ or US-6175922-\$ or US-6282656-\$ or US-6332192-\$ or US-6594759-\$ or US-5661284-\$ or US-4697072-\$ or US-6018717-\$ or US-6003014-\$ or US-5023908-\$ or US-5168520-\$ or US-5367572-\$ or US-5251259-\$ or US-5606614-\$ or US-5177789-\$ or US-5343529-\$ or US-4720860-\$ or US-5163097-\$ or US-5355413-\$ or US-6000832-\$ or US-5056141-\$).did. or (US-5971272-\$ or US-5668876-\$ or US-5485519-\$ or US-5237614-\$ or US-5479512-\$ or US-4998279-\$ or US-4885778-\$ or US-5657388-\$ or US-5361062-\$).did. | US-PGPUB; USPAT | OR | ON | 2005/01/19 10:43 |
| S15 2 | 143 | 705/64.ccls. | USPAT | OR | ON | 2005/01/19 12:39 |
| S15 4 | 218 | 705/75.ccls. | USPAT | OR | ON | 2005/01/19 11:31 |
| S15 6 | 116 | 705/72.ccls. | USPAT | OR | ON | 2005/01/19 15:54 |
| S15 8 | 14881 | storing and generating and determining and transmitting and displaying and input\$4 | US-PGPUB; USPAT | OR | ON | 2005/01/19 16:11 |
| S15 9 | 2169 | S158 and ("713"/\$.ccls. or "380"/\$.ccls. or "705"/\$.ccls.) | US-PGPUB; USPAT | OR | ON | 2005/01/19 16:11 |
| S16 0 | 492 | S159 and (pin or personal adj identification adj number) | US-PGPUB; USPAT | OR | ON | 2005/01/19 16:12 |
| S16 1 | 250 | S160 and host | US-PGPUB; USPAT | OR | ON | 2005/01/19 16:12 |
| S16 2 | 239 | S161 and code | US-PGPUB; USPAT | OR | ON | 2005/01/19 16:12 |
| S16 3 | 123 | S162 and wireless | US-PGPUB; USPAT | OR | ON | 2005/01/19 16:13 |
| S16 5 | 15 | ("5177789").URPN. | USPAT | OR | ON | 2005/01/19 16:33 |
| S16 7 | 4 | "4697072".pn. "5343529".pn. "5530438".pn. "6748367".pn. | USPAT | OR | ON | 2005/01/21 11:30 |
| S16 8 | 4 | ("4697072" "5343529" "5530438" "6748367").pn. | US-PGPUB; USPAT | OR | ON | 2005/10/03 10:44 |
| S16 9 | 1 | "20020029342".pn. and random same known | US-PGPUB; USPAT | OR | ON | 2005/10/03 09:54 |
| S17 0 | 2 | ("4697072" "5343529" "5530438" "6748367").pn. and random | US-PGPUB; USPAT | OR | ON | 2005/10/03 09:55 |
| S17 1 | 0 | "4697072".pn. and random | US-PGPUB; USPAT | OR | ON | 2005/10/03 10:38 |
| S17 2 | 1 | "4697072".pn. and confirmation | US-PGPUB; USPAT | OR | ON | 2005/10/03 10:20 |
| S17 3 | 4733 | random same transaction | US-PGPUB; USPAT | OR | ON | 2005/10/03 10:21 |
| S17 4 | 2162 | random with transaction | US-PGPUB; USPAT | OR | ON | 2005/10/03 10:21 |
| S17 5 | 30 | random with transaction same confirmation | US-PGPUB; USPAT | OR | ON | 2005/10/03 10:21 |
| S17 6 | 0 | "4697072".pn. and touch\$ | US-PGPUB; USPAT | OR | ON | 2005/10/03 10:38 |
| S17 7 | 0 | "4697072".pn. and sensitive | US-PGPUB; USPAT | OR | ON | 2005/10/03 10:38 |
| S17 8 | 0 | "4697072".pn. and screen | US-PGPUB; USPAT | OR | ON | 2005/10/03 10:38 |
| S17 9 | 1 | "4697072".pn. and display | US-PGPUB; USPAT | OR | ON | 2005/10/03 10:38 |
| S18 0 | 1 | "4697072".pn. and display\$ | US-PGPUB; USPAT | OR | ON | 2005/10/03 10:38 |
| S18 1 | 3 | ("4697072" "5343529" "5530438" "6748367").pn. and (touch\$ sensitive screen display\$) | US-PGPUB; USPAT | OR | ON | 2005/10/03 10:46 |

EAST Search History

| | | | | | | |
|----------|------|--|--------------------|----|----|------------------|
| S18 2 | 820 | enter\$ with touch\$ with sensitive with (screen display) | US-PGPUB; USPAT | OR | ON | 2005/10/03 10:46 |
| S18 3 | 40 | code with enter\$ with touch\$ with sensitive with (screen display) | US-PGPUB; USPAT | OR | ON | 2005/10/03 10:52 |
| S18 4 | 45 | (US-20020013904-\$).did. or (US-4697072-\$ or US-4720860-\$ or US-4885778-\$ or US-4998279-\$ or US-5023908-\$ or US-5056141-\$ or US-5058161-\$ or US-5097505-\$ or US-5163097-\$ or US-5168520-\$ or US-5177789-\$ or US-5195133-\$ or US-5237614-\$ or US-5239583-\$ or US-5251259-\$ or US-5297202-\$ or US-5343529-\$ or US-5355413-\$ or US-5361062-\$ or US-5367572-\$ or US-5479512-\$ or US-5485519-\$ or US-5530438-\$ or US-5606614-\$ or US-5627355-\$ or US-5646998-\$).did. or (US-5655020-\$ or US-5657388-\$ or US-5661284-\$ or US-5661807-\$ or US-5668876-\$ or US-5778173-\$ or US-5936541-\$ or US-5971272-\$ or US-6000832-\$ or US-6003014-\$ or US-6018717-\$ or US-6175922-\$ or US-6282656-\$ or US-6332192-\$ or US-6594759-\$ or US-6732278-\$ or US-6748367-\$ or US-6836765-\$).did. | US-PGPUB; USPAT | OR | ON | 2005/10/03 10:48 |
| S18 5 | 5 | transaction with enter\$ with touch\$ with sensitive with (screen display) | US-PGPUB; USPAT | OR | ON | 2005/10/03 11:49 |
| S18 6 | 1087 | 713/168.ccls. | US-PGPUB; USPAT | OR | ON | 2005/10/03 11:49 |
| S18 7 | 581 | 713/168.ccls. | USPAT | OR | ON | 2005/10/03 12:00 |
| S18 8 | 1 | "5343529".pn. | USPAT | OR | ON | 2005/10/03 12:00 |
| S18 9 | 1 | "5343529".pn. and random | USPAT | OR | ON | 2005/10/03 12:00 |
| S19 0 | 9 | (US-6216183-\$ or US-6343360-\$ or US-5408417-\$ or US-5481509-\$ or US-6285916-\$ or US-5611051-\$ or US-5537313-\$ or US-6002918-\$ or US-6539363-\$).did. | USPAT | OR | ON | 2005/10/03 12:27 |
| S19 1 | 1 | "4697072".pn. | US-PGPUB; USPAT | OR | ON | 2006/04/06 16:01 |
| S19 2 | 1 | "4697072".pn. and card | USPAT | OR | ON | 2006/04/07 10:47 |
| S19 3 | 1 | "4697072".pn. and (card smart\$) | USPAT | OR | ON | 2006/04/07 11:48 |
| S19 4 | 1 | "6178511".pn. | USPAT | OR | ON | 2006/04/07 11:48 |
| S19 5 | 725 | 713/168.ccls. | USPAT | OR | ON | 2006/06/15 06:49 |
| S19 6 | 82 | keech.in. | USPAT | OR | ON | 2006/06/15 06:49 |
| S19 7 | 1 | keech.in. and swivel.as. | USPAT | OR | ON | 2006/06/15 06:56 |
| S19 8 | 0 | "681974".ccls. | USPAT | OR | ON | 2006/06/15 06:56 |
| S19 9 | 0 | "681974".pn. | USPAT | OR | ON | 2006/06/15 06:56 |
| S20 0 | 1 | "6816974".pn. | USPAT | OR | ON | 2006/06/15 07:19 |
| S20 1 | 808 | (card integrated adj circuit smartcard smart adj card system-on-a-chip) same (pseudo-random pseudorandom random) same transaction | US-PGPUB; USPAT | OR | ON | 2006/06/15 07:21 |
| S20 2 | 77 | (card integrated adj circuit smartcard smart adj card system-on-a-chip) same (pseudo-random pseudorandom random) same transaction same (connected received) same (host server central) | US-PGPUB; USPAT | OR | ON | 2006/06/15 07:30 |
| S20 3 | 5 | ("4697072" "5343529" "5530438" "6748367" "5408417").pn. | US-PGPUB; USPAT | OR | ON | 2006/06/15 07:31 |
| S20 4 | 46 | ("4697072").URPN. | USPAT | OR | ON | 2006/06/15 07:56 |

EAST Search History

| | | | | | | |
|----------|------|---|--------------------|----|----|------------------|
| S20 5 | 1 | one-time adj transaction adj code | US-PGPUB; USPAT | OR | ON | 2006/06/15 07:56 |
| S20 6 | 74 | unique adj transaction adj code | US-PGPUB; USPAT | OR | ON | 2006/06/15 07:56 |
| S20 7 | 15 | unique adj transaction adj code and (ic integrated adj circuit smart adj card smart-card) | US-PGPUB; USPAT | OR | ON | 2006/06/15 08:44 |
| S20 8 | 2 | supply\$3 with (pseudorandom pseudo-random pseudo adj random) with (code string) and (display with (code string) with user) | US-PGPUB; USPAT | OR | ON | 2006/06/15 08:49 |
| S20 9 | 1 | "6246769".pn. | US-PGPUB; USPAT | OR | ON | 2006/06/15 08:49 |
| S21 0 | 1 | ("6246769").URPN. | USPAT | OR | ON | 2006/06/15 09:49 |
| S21 1 | 1 | ("6163771".pn.) and (random string number host transaction supply\$ transmit\$ display\$ show\$ present\$ verif\$ authenticat\$ encod\$ encrypt\$) | USPAT | OR | ON | 2006/06/15 10:36 |
| S21 2 | 1 | (generate with transaction with (code number) same transmit\$) same (samrt adj card smartcard integrated adj circuit) | USPAT | OR | ON | 2006/06/15 10:37 |
| S21 3 | 3910 | (smart adj card smartcard integrated adj circuit) same (receiv\$ with (transaction code number)) | USPAT | OR | ON | 2006/06/15 10:38 |
| S21 4 | 189 | (smart adj card smartcard integrated adj circuit) same (receiv\$ with (transaction code number)) and (point adj sale electronic adj funds adj transfer) | USPAT | OR | ON | 2006/06/15 10:43 |
| S21 5 | 85 | (smart adj card smartcard integrated adj circuit) with (receiv\$ with (transaction code number)) and (point adj sale electronic adj funds adj transfer) | USPAT | OR | ON | 2006/06/15 11:00 |
| S21 6 | 1 | "6163771".pn. and receiv\$ | USPAT | OR | ON | 2006/06/15 11:37 |
| S21 7 | 2 | ("5936221" "6163771").pn. and (point sale electronic fund transfer) | USPAT | OR | ON | 2006/06/15 11:49 |
| S21 8 | 2 | ("5936221" "6163771").pn. and (touch\$ display) | USPAT | OR | ON | 2006/06/15 11:59 |
| S21 9 | 1 | ("5936221" "6163771").pn. and (wireless) | USPAT | OR | ON | 2006/06/15 12:27 |
| S22 0 | 725 | 713/168.ccls. | USPAT | OR | ON | 2006/06/15 12:27 |
| S22 1 | 16 | (US-20040236819-\$).did. or (US-6343360-\$ or US-6285916-\$ or US-6002918-\$ or US-5611051-\$ or US-5537313-\$ or US-5481509-\$ or US-5408417-\$ or US-6216183-\$ or US-6539363-\$ or US-6163771-\$ or US-6484260-\$ or US-6687350-\$ or US-5936221-\$ or US-6760796-\$ or US-6289324-\$).did. | US-PGPUB; USPAT | OR | ON | 2006/06/15 12:30 |
| S22 2 | 53 | ("20020013904" "4697072" "4720860" "4885778" "4998279" "5023908" "5056141" "5058161" "5097505" "5163097" "5168520" "5177789" "5195133" "5196840" "5237614" "5239583" "5297202" "5343529" "5355413" "5361062" "5367572" "5408417" "5479512" "5481509" "5485519" "5530438" "5537313" "5606614" "5627355" "5646998" "5655020" "5657388" "5661284" "5661807" "5668876" "5778173" "5936541" "5971272" "5988497" "6000832" "6003014" "6018717" "6175922" "6216183" "6282656" "6285916" "6332192" "6343360" "6539363" "6594759" "6732278" "6748367" "6816974").PN. | US-PGPUB; USPAT | OR | ON | 2006/06/15 12:31 |
| S22 3 | 9 | S221 not S222 | US-PGPUB; USPAT | OR | ON | 2006/06/15 12:31 |
| S22 4 | 9 | (US-20040236819-\$).did. or (US-6760796-\$ or US-6687350-\$ or US-6484260-\$ or US-6289324-\$ or US-6163771-\$ or US-6002918-\$ or US-5936221-\$ or US-5611051-\$).did. | US-PGPUB; USPAT | OR | ON | 2006/06/15 12:31 |
| S22 5 | 1 | "6343305".pn. | US-PGPUB; USPAT | OR | ON | 2007/01/23 13:06 |
| S22 6 | 1 | "20020029342".pn. | US-PGPUB; USPAT | OR | ON | 2007/01/23 13:06 |
| S22 7 | 1 | "20020029342".pn. and (user algorithms generated) | US-PGPUB; USPAT | OR | ON | 2007/01/23 13:24 |

EAST Search History

| | | | | | | |
|----------|---|----------------|--------------------|----|----|------------------|
| S22 8 | 1 | "5177789".pn. | US-PGPUB; USPAT | OR | ON | 2007/01/23 13:39 |
| S22 9 | 1 | "7043635" .pn. | US-PGPUB; USPAT | OR | ON | 2007/01/23 13:39 |